Claims

1. A jig for mounting one or more lenses on a two axes coordinate movement
    bed of a CNC machine for machining the one or more lenses, said jig
    comprising a carriage having one or more lens holders for holding one or more
    lenses, each lens having a mounting block bonded to a convex surface of the
    lens, said carriage being rotatable about a first axis so as to be able to present
    one or more lenses to a tool of the machine where it is desired to machine the
    one or more lenses said lens being constrained to restrict rotation of the one or
    more lenses about an axis normal to the concave and/or convex surfaces of the
    one or more lenses.

2. A jig according to claim 1 wherein the CNC machine may be provided with a
    lens cooling means.

3. A jig according to claims 1 or 2 wherein the carriage is rotatable about a first
    axis through an angle of 360°.

4. A jig according to claim 3 wherein the carriage is rotatable about a first axis
    through an angle of at least 300°.

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5. A jig according to any one of the preceding claims wherein the mounting block on the, or each, lens, has a spigot, the lens holder has one or more sockets into which the or each, mounting block fits in a predetermined position, and securing means are provided for holding the spigot in the socket.

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6. A jig according to claim 5 wherein the securing means comprises a vacuum means for applying a vacuum to an underside of the or each spigot to hold the spigot in the socket.

10   7. A jig according to claims 5 or 6 wherein the mounting block and the lens holder include features that ensure that the or each spigot does not revolve in the socket.

8. A jig according to any one of the preceding claims wherein the carriage is

15   mounted in a carrier frame so that the carriage is rotatable about an axis that lies orthogonal to said first axis.

9. A jig according to any one of the preceding claims wherein the tool is a drill bit for drilling holes through the one or more lenses.

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10. A jig according to any one of the claims 1 to 8 wherein the tool is a bit for edging, reshaping and/or cutting the outline of the one or more lenses.